2 - Parts Lists and Component Layout

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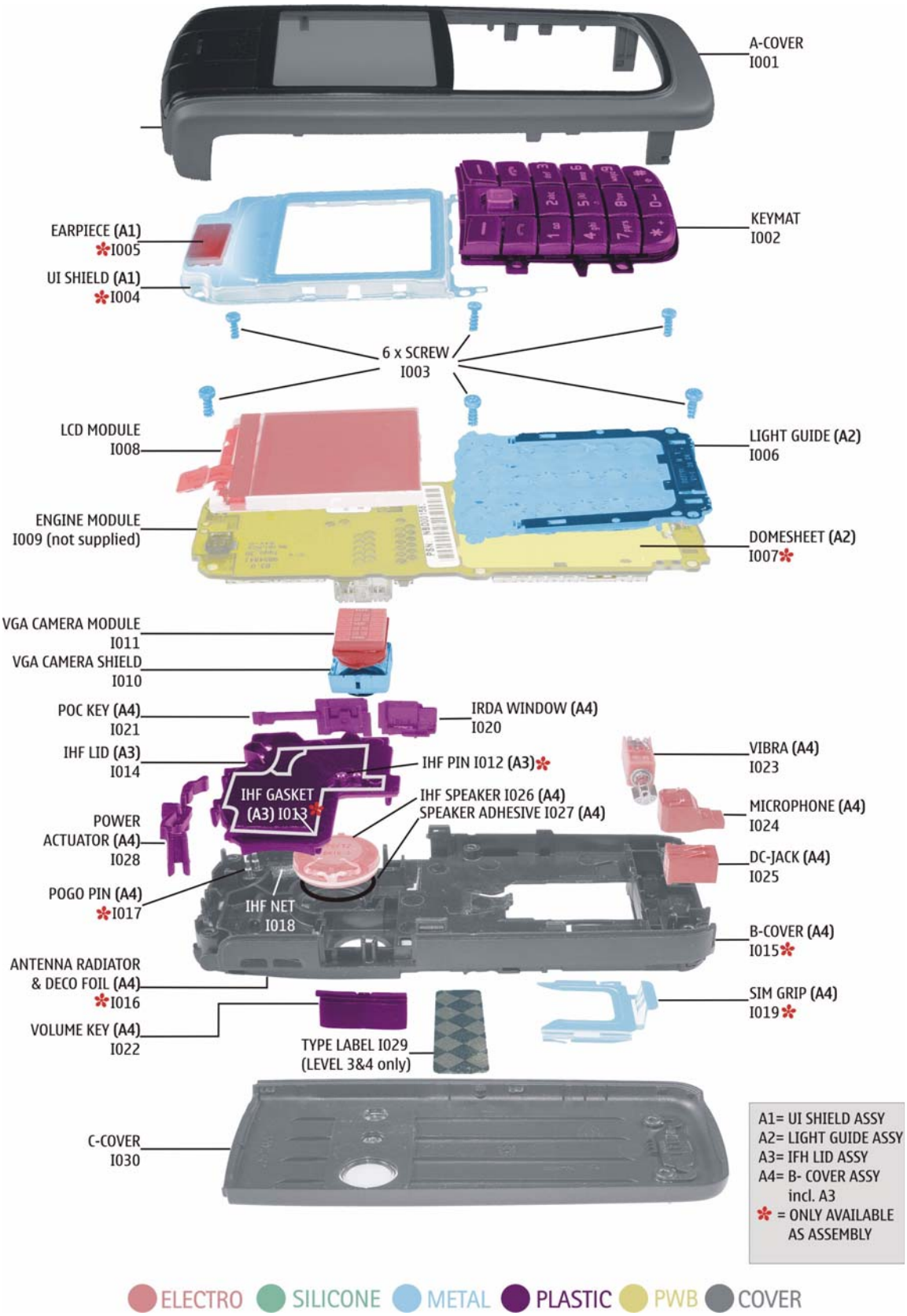
Exploded View of RM-30



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Assembly parts

Note: Do not use the following lists for spare part ordering. For ordering the spare parts please refer to the related and updated Technical Bulletins.

ITEM/ _CIRCUIT REF.	QTY	PART NO	PART NAME
I001	1	XXXXXXX	A-COVER ASSY
I002	1	XXXXXXX	KEYMAT
I003	6	???????	SCREW 1.8x6 RF T6
	1	**???????**	**UI-SHIELD ASSY**
I004	1	-	UI-SHIELD
I005	1	-	EARPIECE
	1	**???????**	**LIGHT Guide ASSY**
I006	1	-	LIGHT GUIDE
I007	1	???????	DOME SHEET *
I008	1	???????	LCD MODULE EMEA
I009	1	-	ENGINE MODULE
I010	1	???????	VGA CAMERA SHIELD
I011	1	???????	VGA CAMERA MODULE
	1	**???????**	**B-COVER ASSY EU**
	1	**???????**	**B-COVER ASSY US**
	1	**???????**	**IHF LID ASSY (I012 - I014)**
I012	1	-	IHF PIN
I013	1	-	IHF GASKET
I014	1	-	IHF-LID
I015	1	-	B-COVER
I016	1	-	ANTENNA RADIATOR + DECO FOIL

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ITEM/ _CIRCUIT REF.	QTY	PART NO	PART NAME
I017	1	-	POGO PIN
I018	1	???????	IHF-NET
I019	1	-	SIM-GRIP
I020	1	???????	IRDA WINDOW
I021	1	???????	POC KEY
I022	1	???????	VOLUME KEY
I023	1	???????	VIBRA MOTOR
I024	1	???????	MICROPHONE
I025	1	???????	DC-JACK
I026	1	???????	IHF SPEAKER
I027	1	???????	SPEAKER ADHESIVE
I028	1	???????	POWER ACTUATOR
I029	1	???????	TYPE LABEL
I030	1	XXXXXXX	C-COVER ASSY

*Note: * Dome sheet not available for Europe and North America*

EXPLANATION:
Bold = ASSY
"-" = Not available
XXXXXXX = variants
??????? = available
I0xx = ITEM codes for upper or mono block
I1xx = ITEM codes for hinge block
I2xx = ITEM codes for lower block
I3xx = ITEM codes for soldered spare parts on the upper hinge or lower block and not exchangable

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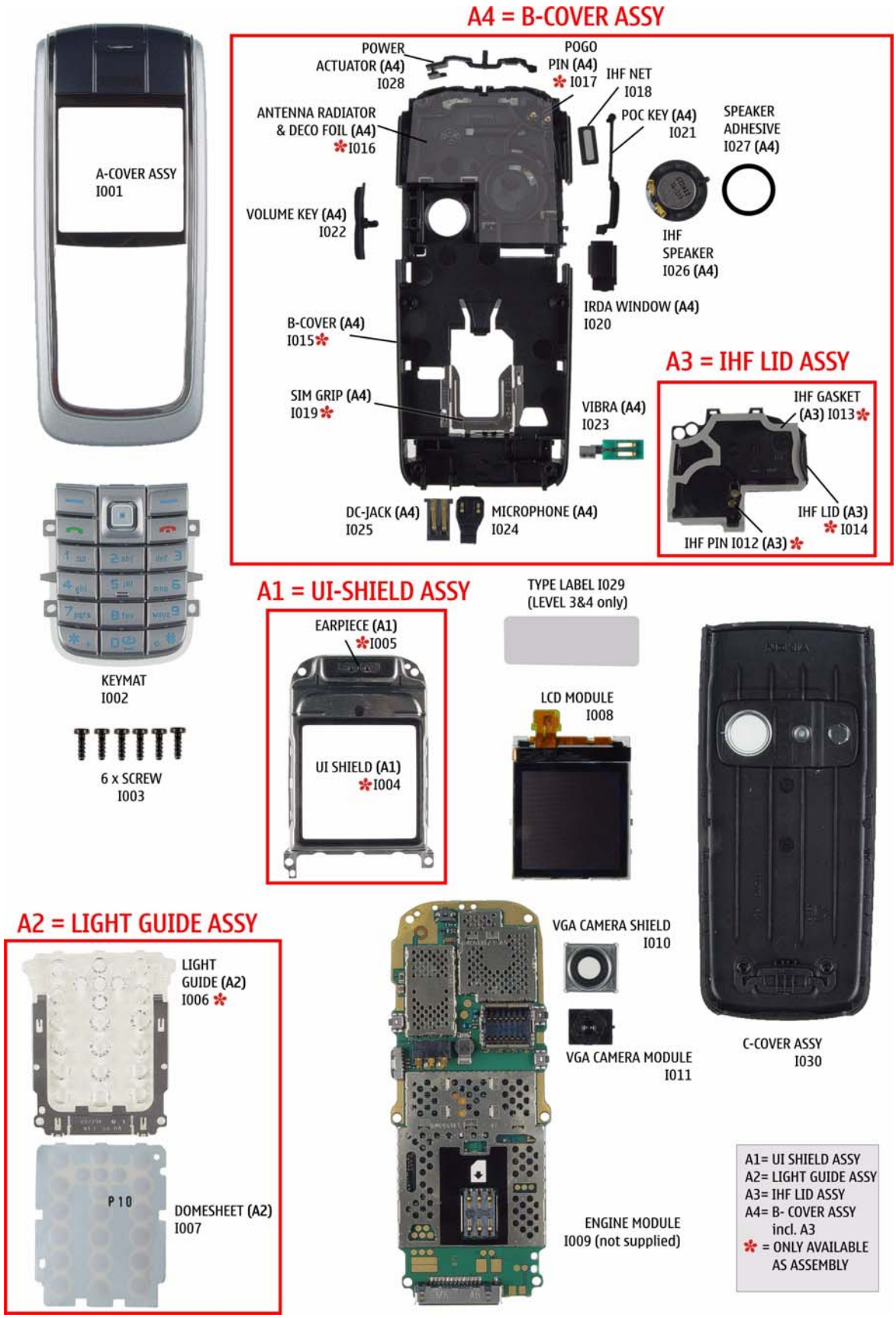
RM-30 spare parts overview


A4 = B-COVER ASSY
POWER ACTUATOR (A4) I028
POGO PIN (A4) ✻I017
IHF NET I018
ANTENNA RADIATOR & DECO FOIL (A4) ✻I016
POC KEY (A4) I021
SPEAKER ADHESIVE I027 (A4)
VOLUME KEY (A4) I022
IHF SPEAKER I026 (A4)
IRDA WINDOW (A4) I020
B-COVER (A4) I015✻
SIM GRIP (A4) I019✻
VIBRA (A4) I023
DC-JACK (A4) I025
MICROPHONE (A4) I024
A3 = IHF LID ASSY
IHF GASKET (A3) I013✻
IHF LID (A3) ✻I014
IHF PIN I012 (A3) ✻
A-COVER ASSY I001
KEYMAT I002
6 x SCREW I003
A1 = UI-SHIELD ASSY
EARPIECE (A1) ✻I005
UI SHIELD (A1) ✻I004
TYPE LABEL I029 (LEVEL 3&4 only)
LCD MODULE I008
C-COVER ASSY I030
A2 = LIGHT GUIDE ASSY
LIGHT GUIDE (A2) I006 ✻
P10
DOMESHEET (A2) I007
VGA CAMERA SHIELD I010
VGA CAMERA MODULE I011
ENGINE MODULE I009 (not supplied)
A1= UI SHIELD ASSY
A2= LIGHT GUIDE ASSY
A3= IHF LID ASSY
A4= B- COVER ASSY incl. A3
✻ = ONLY AVAILABLE AS ASSEMBLY

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Variant parts

Note: Do not use the following lists for spare part ordering. For ordeing the spare parts please refer to the related and updated Technical Bulletins.

ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME
I001	1	???????	A-COVER ASSY WHITE/SILVER
I001	1	???????	A-COVER ASSY SILVER/GRAPHITE
I002	1	???????	KEY MAT ASSY LATIN SILVER
I002	1	???????	KEY MAT ASSY LATIN GRAPHITE
I002	1	???????	KEY MAT ASSY BoPoMoFo GRAPHITE
I002	1	???????	KEY MAT ASSY BoPoMoFo SILVER
I002	1	???????	KEY MAT ASSY THAI SILVER
I002	1	???????	KEY MAT ASSY THAI GRAPHITE
I002	1	???????	KEY MAT ASSY GREEK SILVER
I002	1	???????	KEY MAT ASSY GREEK GRAPHITE
I002	1	???????	KEY MAT ASSY HEBREW SILVER
I002	1	???????	KEY MAT ASSY HEBREW GRAPHITE
I002	1	???????	KEY MAT ASSY STROKE SILVER
I002	1	???????	KEY MAT ASSY STROKE GRAPHITE
I002	1	???????	KEY MAT ASSY ARABIC SILVER
I002	1	???????	KEY MAT ASSY ARABIC GRAPHITE
I002	1	???????	KEY MAT ASSY HINDI SILVER
I002	1	???????	KEY MAT ASSY HINDI GRAPHITE
I002	1	???????	KEY MAT ASSY CYRILLIC SILVER
I002	1	???????	KEY MAT ASSY CYRILLIC GRAPHITE
I002	1	???????	KEY MAT ASSY FARSI SILVER
I002	1	???????	KEY MAT ASSY FARSI GRAPHITE
I002	1	???????	KEY MAT ASSY URDU SILVER
I002	1	???????	KEY MAT ASSY URDU GRAPHITE
I002	1	???????	KEY MAT ASSY LATIN NO-1 SILVER
I002	1	???????	KEY MAT ASSY LATIN NO-1 GRAPHITE

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ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME
I002	1	???????	KEY MAT ASSY LATIN VODA SILVER
I002	1	???????	KEY MAT ASSY LATIN VODA GRAPHITE
I009	1	???????	BASIC TRX (RM-30 / BOM1)
I009	1	???????	BASIC TRX (RM-30 / BOM2)
I030	1	???????	C-COVER ASSY SILVER/WHITE
I030	1	???????	C-COVER ASSY GRAPHITE/SILVER

EXPLANATION:
Bold = ASSY
"-" = Not available
XXXXXXX = variants
??????? = available
I0xx = ITEM codes for upper or mono block
I1xx = ITEM codes for hinge block
I2xx = ITEM codes for lower block
I3xx = ITEM codes for soldered spare parts on the upper hinge or lower block and not exchangable

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1gqa_50a PWB Module Parts List

Note: Do not use the following lists for spare part ordering. For ordering spare parts, please refer to the related and updated Technical Bulletins.

Item	Location			Type	Description			
	Side	X	Y					
A1101	Top	N	5	SHIELD_DMC06961	BB-SHIELD ASSY DMC06961 HDJ12	~	~	~
A1102	Top	D	6	SHIELD_DMC06962	HELGO-SHIELD ASSY DMC06962 HDJ12	~	~	~
A1103	Top	F	3	SHIELD_DMC06963	PA-SHIELD ASSY DMC06963 HDJ12	~	~	~
B2200	Top	O	5	CRYSTAL_CX_4V	CRYSTAL 32.768KHZ+-30PPM 9PF	32.768kHz	~	~
B2400	Bot	B	4	SPEAKER_LTR711A	SPEAKER+SPRING 22+/-3DB 32R 7X11	~	~	~
B2401	Top	G	4	SPEAKER_16PV	SPEAKER IHF 87.5DB 9R D16X4.4	~	~	~
B2402	Top	T	6	MIC_KUB64MEY321	MIC MOD+HOLDER TOMAHAWK -42+-3DB	~	~	~
C1470	Top	L	6	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1471	Top	K	6	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C1472	Top	K	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C1473	Top	J	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C1474	Top	J	7	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C1475	Top	K	8	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1476	Top	L	6	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1477	Top	L	7	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1478	Top	K	6	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1479	Top	L	8	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C1480	Top	L	8	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C1481	Top	M	8	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%

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Item	Location			Type	Description			
	Side	X	Y					
C1482	Top	L	7	0603C	CHIPCAP X5R 4U7 K 6V3 0603	4u7	6.3V	normal,-10%,10%
C2001	Top	M	5	0805C	CHIPCAP X5R 4U7 K 6V3 0805	4u7	6V3	normal,-10%,10%
C2005	Top	P	6	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C2006	Bot	U	5	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C2007	Top	O	4	0402C	Chipcap 5% NP0	22p	50V	normal,-5%,5%
C2008	Bot	U	5	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2009	Top	Q	2	0405_2_P0.65	CHIP ARRAY NP0 2X27P K 25V 0405	2x27p	25V	normal,-10%,10%
C2011	Top	R	2	0402C	CHIPCAP NP0 270P J 25V 0402	270p	25V	normal,-5%,5%
C2012	Bot	U	5	0402C	Chipcap X7R 10% 50V 0402	3n3	50V	normal,-10%,10%
C2013	Bot	U	5	0402C	Chipcap X7R 10% 50V 0402	3n3	50V	normal,-10%,10%
C2020	Bot	U	4	0402C	Chipcap X7R 10% 50V 0402	3n3	50V	normal,-10%,10%
C2021	Bot	U	4	0402C	Chipcap X7R 10% 50V 0402	3n3	50V	normal,-10%,10%
C2154	Top	R	3	0402C	Chipcap 5% NP0	22p	50V	normal,-5%,5%
C2159	Top	Q	3	0405_2_P0.65_AVX	CHIP ARRAY X5R 2X33N K 10V 0405	2x33n	10V	normal,-10%,10%
C2164	Top	P	2	0405_2_P0.65	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	25V	normal,-10%,10%
C2170	Top	Q	4	0405_2_P0.65_AVX	CHIP ARRAY X5R 2X33N K 10V 0405	2x33n	10V	normal,-10%,10%
C2171	Top	Q	3	0405_2_P0.65_AVX	CHIP ARRAY X5R 2X1N M 16V 0405	2x1n	16V	normal,-20%,20%
C2173	Top	Q	4	0405_2_P0.65_AVX	CHIP ARRAY X5R 2X1N M 16V 0405	2x1n	16V	normal,-20%,20%
C2175	Top	R	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2176	Top	R	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2179	Top	Q	3	0405_2_P0.65	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	25V	normal,-10%,10%
C2180	Top	H	5	0402C	Chipcap 5% NP0	22p	50V	normal,-5%,5%

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Item	Location			Type	Description			
	Side	X	Y					
C2181	Top	P	3	0405_2_P0.65	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	25V	normal,-10%,10%
C2187	Top	Q	4	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C2200	Top	O	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2201	Top	N	4	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2202	Top	Q	3	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2203	Top	Q	2	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2204	Top	O	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2205	Top	O	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2206	Top	N	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2207	Top	M	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2208	Top	Q	2	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2209	Top	Q	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2210	Top	O	4	0402C	Chipcap 5% NP0	10p	50V	normal,-5%,5%
C2211	Top	P	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2212	Top	Q	2	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2213	Top	O	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2214	Top	P	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2215	Top	P	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2216	Top	P	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2217	Top	O	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2218	Top	Q	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2219	Top	R	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%

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Item	Location			Type	Description			
	Side	X	Y					
C2220	Top	N	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2221	Top	N	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2222	Top	M	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2223	Top	N	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2224	Top	N	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2225	Top	M	2	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2226	Top	N	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2227	Top	N	4	0603C	CHIPCAP X5R 1U K 16V 0603	1u0	16V	normal,-10%,10%
C2228	Top	N	4	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2229	Top	N	4	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2230	Top	N	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2231	Top	M	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2232	Top	M	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2233	Top	N	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2234	Top	N	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2235	Top	M	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2236	Top	N	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2237	Top	M	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2238	Top	M	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2239	Top	N	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2240	Top	P	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2241	Top	O	4	0402C	Chipcap 5% NP0	10p	50V	normal,-5%,5%

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Item	Location			Type	Description			
	Side	X	Y					
C2270	Top	O	2	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2271	Top	P	2	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2272	Top	N	2	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C2273	Top	P	4	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C2400	Top	P	4	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C2403	Top	Q	3	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C2404	Top	R	2	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2405	Top	R	2	0402C	Chipcap 5% NP0	10p	50V	normal,-5%,5%
C2406	Top	C	4	0402C	Chipcap 5% NP0	22p	50V	normal,-5%,5%
C2407	Top	K	5	0603C	CHIPCAP X5R 1U K 16V 0603	1u0	16V	normal,-10%,10%
C2408	Top	J	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2409	Top	L	4	TANT_TPSW2	CHIPTCAP 33U M 16V 6.0X3.2X1.5	33u_16V	16V	normal,-20%,20%
C2410	Top	K	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C2600	Top	F	2	0805C	CHIPCAP X5R 4U7 K 6V3 0805	4u7	6V3	normal,-10%,10%
C2601	Top	J	2	0402C	Chipcap 5% NP0	22p	50V	normal,-5%,5%
C2602	Top	J	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2603	Top	J	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2702	Top	R	6	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C2703	Top	R	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C2800	Top	O	6	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C2880	Top	O	6	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2881	Top	O	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%

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Item	Location			Type	Description			
	Side	X	Y					
C2884	Top	O	6	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C2900	Top	N	2	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C2901	Top	N	2	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C2902	Top	O	8	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C3033	Top	P	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n	16V	normal,-20%,20%
C3180	Top	P	8	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C7177	Top	H	2	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C7500	Top	C	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0	6.3V	normal,-10%,10%
C7501	Top	B	5	0402C	Chipcap 5% NP0	10p	50V	normal,-5%,5%
C7502	Top	B	6	0402C	CHIPCAP NP0 180P J 25V 0402	180p	25V	normal,-5%,5%
C7503	Top	B	6	0805C_H1.35	CHIPCAP NP0 2N7 J 25V 0805	2n7	25V	normal,-5%,5%
C7504	Top	C	6	0402C	CHIPCAP NP0 270P J 25V 0402	270p	25V	normal,-5%,5%
C7506	Top	F	8	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C7508	Top	F	8	0603C	CHIPCAP NP0 2N2 J 16V 0603	2n2	16V	normal,-5%,5%
C7509	Top	F	8	0603C	CHIPCAP NP0 1N0 J 50V 0603	1n0	50V	normal,-5%,5%
C7510	Top	E	8	0402C	Chipcap 5% NP0	56p	50V	normal,-5%,5%
C7511	Top	E	7	0402C	Chipcap +-0.25pF NP0	1p5	50V	normal,-0.25pF,0.25pF
C7512	Top	E	8	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C7513	Top	E	8	0402C	Chipcap 5% NP0	18p	50V	normal,-5%,5%
C7516	Top	D	7	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C7517	Top	D	6	0402C	Chipcap 5% NP0	10p	50V	normal,-5%,5%

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Item	Location			Type	Description			
	Side	X	Y					
C7518	Top	D	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7519	Top	D	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7520	Top	E	6	0402C	Chipcap 5% NP0	56p	50V	normal,-5%,5%
C7521	Top	D	6	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7522	Top	D	7	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C7523	Top	D	5	0612_H0.94	CHIP ARRAY NP0 4X470P J 16V 0612	4x470p	16V	normal,-10%,10%
C7524	Top	D	5	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7525	Top	D	7	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C7526	Top	C	8	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7527	Top	C	7	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7528	Top	F	6	0402C	Chipcap 5% NP0	82p	50V	normal,-5%,5%
C7529	Top	D	7	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C7530	Top	D	7	0402C	Chipcap 5% NP0	47p	50V	normal,-5%,5%
C7531	Top	F	6	0402C	Chipcap 5% NP0	18p	50V	normal,-5%,5%
C7532	Top	F	6	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C7701	Top	G	2	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7702	Top	G	2	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C7703	Top	F	3	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C7704	Top	F	3	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C7705	Top	H	3	0805C	CHIPCAP X5R 4U7 K 6V3 0805	4u7	6V3	normal,-10%,10%
C7706	Top	H	4	0402C	Chipcap 5% NP0	27p	50V	normal,-5%,5%
C7708	Top	H	3	0402C	CHIPCAP NP0 270P J 50V	270p	16V	normal,-10%,10%

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Item	Location			Type	Description			
	Side	X	Y					
C7709	Top	G	4	0402C	Chipcap X7R 10% 16V 0402	10n	16V	normal,-10%,10%
C7710	Top	G	4	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C7711	Top	G	2	0402C	Chipcap X7R 10% 50V 0402	1n0	50V	normal,-10%,10%
C7713	Top	F	6	0402C	Chipcap 5% NP0	15p	50V	normal,-5%,5%
C7714	Top	F	6	0402C	Chipcap 5% NP0	15p	50V	normal,-5%,5%
C7800	Top	D	4	0402C	Chipcap 5% NP0	100p	50V	normal,-5%,5%
C7801	Top	D	3	0402C	Chipcap +-0.25pF NP0	2p2	50V	normal,-0.25pF,0.25pF
C7802	Top	E	3	0402C	CHIPCAP X5R 100N K 10V 0402	100n	10V	normal,-10%,10%
C7803	Top	E	4	0402C	Chipcap 5% NP0	15p	50V	normal,-5%,5%
C7804	Top	F	4	0402C	Chipcap +-0.25pF NP0	1p5	50V	normal,-0.25pF,0.25pF
C7805	Top	F	6	0402C	Chipcap 5% NP0	15p	50V	normal,-5%,5%
C7806	Top	F	6	0402C	Chipcap 5% NP0	15p	50V	normal,-5%,5%
D1470	Top	K	7	uBGA_56	HW ACCELERATOR STV0900BE TFBGA	~	~	~
D2200	Top	O	3	TFBGA_244	UEMEK2V0 LF WDENA TFBGA244	~	~	~
D2800	Top	O	7	PBGA_N173	UPP8M V4.3	~	~	~
D3000	Top	Q	7	COMBO_128MB_3	COMBO 128M NOR + 16M UTRAM FBGA44	8Mx16/ 1Mx16	~	~
F2000	Bot	U	5	0603_FUSE	SM FUSE F 1.5A 32V ROHS-FREE 0603	1.5A	~	~
G2400	Top	I	5	XH414H_II02N	CELL CAPACITOR 0.01MAH 3V3	3.3V	~	~
G7500	Top	C	5	VCO_FDK_WB002	VCO 3296-3980MHZ 2.7V 20MA EGSM	3296-3980MHz	~	~
G7501	Top	D	8	VCTCXO_KT20_A	VCTCXO 26MHZ+-2PPM 2.7V GSM	26MHz	~	~
L2000	Bot	T	5	0405_2_H1.0	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/ 100MHz	~	-

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Item	Location			Type	Description			
	Side	X	Y					
L2001	Bot	T	4	0405_2_H1.0	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/ 100MHz	~	-
L2003	Bot	T	5	0805_BLM21	FERR.BEAD 0R03 42R/ 100MHZ 3A 0805	42R/ 100MHz	~	~
L2004	Bot	U	5	FERRITE_0402	FERRITE BEAD 0.6R 600R/100MHZ 0402	600R/ 100MHz	~	~
L2005	Bot	U	5	0603_BLM	FERRITE BEAD 0R5 600R/100MHZ 0603	600R/ 100MHz	~	~
L2150	Top	C	4	0405_2_MATSU	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/ 100MHz	~	-
L2153	Top	Q	3	FERRITE_0402	FERRITE BEAD 0.6R 600R/100MHZ 0402	600R/ 100MHz	~	~
L2154	Top	H	5	COIL_0603CS	CHIP COIL 33N G Q40/ 250MHZ 0603	33nH	~	normal,- 2%,2%
L2155	Top	G	5	COIL_0603CS	CHIP COIL 33N G Q40/ 250MHZ 0603	33nH	~	normal,- 2%,2%
L2200	Top	M	5	0805_BLM21	FERR.BEAD 0R03 42R/ 100MHZ 3A 0805	42R/ 100MHz	~	~
L2404	Top	R	2	0402L	FERR.BEAD 240R7100M 0.4A 0R4 0402	240R/ 100MHz	~	~
L2405	Top	L	5	CHOKE_D3312FB_H 1.4	CHOKE 22U M0.33A 1R5 3.3X3.3X1.3	22uH	~	normal,- 20%,20%
L2406	Top	K	4	0603_BLM	FERRITE BEAD 0R5 600R/100MHZ 0603	600R/ 100MHz	~	-
L7500	Top	E	7	0402L	CHIP COIL 5N6 +-0N3 Q28/800M 0402	5n6H	~	normal,- 0n3,+0n3
L7501	Top	E	7	0402L	CHIP COIL 5N6 +-0N3 Q28/800M 0402	5n6H	~	normal,- 0n3,+0n3
L7502	Top	E	7	0402L	CHIP COIL 3N3 +-0N3 Q28/800M 0402	3n3H	~	normal,- 0n3,+0n3%
L7503	Top	E	7	0402L	CHIP COIL 3N3 +-0N3 Q28/800M 0402	3n3H	~	normal,- 0n3,+0n3%
L7504	Top	E	7	0402L	CHIP COIL 3N9 +-0N3 Q28/800M 0402	3n9H	~	normal,- 0n3,+0n3
L7700	Top	H	3	0805_BLM21	FERR.BEAD 0R03 42R/ 100MHZ 3A 0805	42R/ 100MHz	~	~
L7702	Top	F	7	0402L	CHIP COIL 22N J Q28/ 800MHZ 0402	33nH	~	normal,- 5%,5%
L7800	Top	D	3	0402L	CHIP COIL 4N7 +-0N3 Q28/800M 0402	4n7H	~	normal,- 0n3,+0n3
L7801	Top	E	4	0402L	CHIP COIL 3N3 +-0N3 Q28/800M 0402	3n3H	~	normal,- 0n3,+0n3%
L7802	Top	E	6	0402L	CHIP COIL 4N7 +-0N3 Q28/800M 0402	4n7H	~	normal,- 0n3,+0n3

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Item	Location			Type	Description			
	Side	X	Y					
L7803	Top	E	6	0402L	CHIP COIL 4N7 +-0N3 Q28/800M 0402	4n7H	~	normal,-0n3,+0n3
L7804	Top	E	6	0402L	CHIP COIL 18N J Q29/ 800M 0402	18nH	~	normal,-5%,5%
L7805	Top	E	6	0402L	CHIP COIL 18N J Q29/ 800M 0402	18nH	~	normal,-5%,5%
L7807	Top	E	6	0402L	CHIP COIL 8N2 J Q28/ 800MHZ 0402	8n2H	~	normal,-5%,+5%
N1470	Top	L	8	USMD5_1.468X1.036	REG+ LP3999ITLX 1.8V 150MA NOPB	~	1.8V	~
N2400	Top	K	5	USMD8_1.95X1.95	DC/DC CONV LM3500/ TK65600 USMD8	~	~	~
N2600	Top	J	1	IRDA_RPM960	IRDA RPM960F-H7 1.152MB/S>2V4 8PI	~	~	~
N7500	Top	E	6	TFBGA88	HELGO86	~	~	~
N7700	Top	G	3	RF_PA_PF79001B_6.2X5.2	PW AMP PF09015B CUT8.9 MICRO PA GSM/ EDGE	~	~	~
R1470	Top	K	6	0402R	Resistor 5% 63mW	15k	~	normal,-5%,5%
R1471	Top	J	7	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R1472	Top	J	7	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R1473	Top	K	8	0402R	Resistor 5% 63mW	10k	~	normal,-5%,5%
R1474	Top	K	6	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R1475	Top	K	6	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R2000	Bot	U	6	uBGA5	ASIP 4XESD **PB-FREE** BGA5	~	~	~
R2001	Top	O	6	0402_NTH5	NTC RES 47K J B=4050+-3% 0402	47k	~	normal,-5%,5%
R2002	Top	R	2	0404_R_SR	RES NETWORK 0W06 2X100R J 0404	2x100R	~	normal,-5%,5%
R2003	Top	R	2	0402R	Resistor 5% 63mW	220k	~	normal,-5%,5%
R2004	Top	R	3	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R2005	Top	R	2	0402R	Resistor 5% 63mW	100k	~	normal,-5%,5%
R2006	Bot	U	5	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V	~	-

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Item	Location			Type	Description			
	Side	X	Y					
R2007	Bot	U	5	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V	~	-
R2010	Bot	U	4	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V	~	-
R2011	Bot	U	4	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V	~	-
R2151	Top	C	4	0405_2	VARISTOR ARRAY 2XVWM16V VC50 0405	2XVWM16V	~	~
R2153	Top	R	3	MNR02	RES NETWORK 0W06 2X2k2 J 0404	2x2k2	~	~
R2154	Top	Q	3	0404_R_SR	RES NETWORK 0W06 2X1K0 J 0404	2x1k0	~	normal,-5%,5%
R2156	Top	R	3	0402R	Resistor 5% 63mW	1k8	~	normal,-5%,5%
R2158	Top	R	4	0402R	Resistor 5% 63mW	820R	~	normal,-5%,5%
R2159	Top	Q	4	0402R	Resistor 5% 63mW	1k0	~	normal,-5%,5%
R2160	Top	Q	3	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2162	Top	Q	4	MNR02	RES NETWORK 0W06 2X2k2 J 0404	2x2k2	~	~
R2171	Top	R	4	0402R	Resistor 5% 63mW	1k0	~	normal,-5%,5%
R2173	Top	Q	4	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2174	Top	P	4	0404_R_SR	RES NETWORK 0W06 2X1K0 J 0404	2x1k0	~	normal,-5%,5%
R2175	Top	Q	3	MNR02_SR	RES NETWORK 0W06 2X10R J 0404	2x10R	~	normal,-5%,5%
R2200	Top	N	5	0805R_THERM1	CHIPRES 0W25 0R22 J 0805	0R22	~	normal,-5%,5%
R2201	Top	P	3	0402R	Resistor 5% 63mW	470R	~	normal,-5%,5%
R2270	Top	O	2	0402R	Chipres 0W06 100k F 200ppm 0402	100k	~	normal,-1%,1%
R2271	Top	O	2	0402R	Resistor 5% 63mW	100k	~	normal,-5%,5%
R2272	Top	O	2	0402R	Resistor 5% 63mW	100k	~	normal,-5%,5%
R2273	Top	P	2	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R2274	Top	P	2	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%

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Item	Location			Type	Description			
	Side	X	Y					
R2400	Top	M	6	0402R	Resistor 5% 63mW	1k0	~	normal,-5%,5%
R2401	Top	L	5	0402R	Resistor 5% 63mW	470R	~	normal,-5%,5%
R2420	Top	L	7	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2421	Top	L	7	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2422	Top	L	7	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2423	Top	C	4	0402R	Resistor 5% 63mW	27k	~	normal,-5%,5%
R2424	Top	J	5	0402R	Resistor 5% 63mW	10k	~	normal,-5%,5%
R2425	Top	J	5	0402R	Resistor 5% 63mW	33R	~	normal,-5%,5%
R2428	Top	L	6	0402R	Resistor 5% 63mW	220R	~	normal,-5%,5%
R2600	Top	E	2	0805R_THERM1	CHIPRES 0W125 4R7 J 0805	4R7	~	normal,-5%,5%
R2700	Top	R	4	uBGA8	ASIP EMIF03-SIM01F2 **PB-FREE**	~	~	~
R2701	Top	S	4	0402R	Resistor 5% 63mW	10k	~	normal,-5%,5%
R2800	Top	O	6	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R2900	Top	N	2	0402R	Resistor 5% 63mW	10k	~	normal,-5%,5%
R2901	Top	N	2	0402R	Resistor 5% 63mW	10k	~	normal,-5%,5%
R2902	Top	O	8	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R2903	Top	N	2	0402R	CHIPRES 0W06 27K F 0402	27k	~	normal,-1%,1%
R3000	Top	P	7	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R3180	Top	P	8	0402R	Resistor 5% 63mW	470R	~	normal,-5%,5%
R7500	Top	C	5	0402R	Chipres 0W06 5R6 J 0402	5R6	~	normal,-5%,5%
R7501	Top	C	6	0402R	Resistor 5% 63mW	5k6	~	normal,-5%,5%
R7502	Top	B	6	0402R	Chipres 0W06 6k8 F 0402	6k8	~	normal,-1%,1%

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Item	Location			Type	Description			
	Side	X	Y					
R7503	Top	C	6	0404_RAC10	RES NETWORK 0W04 2DB ATT 0404	436R/ 11R6/436R	~	~
R7504	Top	E	7	0402R	Resistor 5% 63mW	8K2	~	normal,-5%,5%
R7505	Top	F	7	0402R	Resistor 5% 63mW	680R	~	normal,-5%,5%
R7506	Top	F	7	0402R	Resistor 5% 63mW	33K	~	normal,-5%,5%
R7508	Top	E	8	0402R	Resistor 5% 63mW	18K	~	normal,-5%,5%
R7509	Top	F	7	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R7510	Top	F	7	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R7511	Top	D	5	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R7512	Top	D	6	0402R	CHIPRES 0W06 5K6 F 0402	5k6	~	normal,-1%,1%
R7513	Top	C	7	0402R	Resistor 5% 63mW	15k	~	normal,-5%,5%
R7514	Top	F	6	0402R	Resistor 5% 63mW	15k	~	normal,-5%,5%
R7515	Top	D	7	MNR04	RES NETWORK 0W06 4X5K6 J 0804	4x5.6k	~	normal,-5%,5%
R7516	Top	E	8	0402R	Resistor 5% 63mW	10R	~	normal,-5%,5%
R7700	Top	N	2	0402R	Resistor 5% 63mW	0R	~	normal,-5%,5%
R7702	Top	G	4	0402R	Resistor 5% 63mW	4k7	~	normal,-5%,5%
R7704	Top	G	2	0404_RAC10	RES NETWORK 0W04 1DB ATT 0404	870R/ 5R77/870R	~	~
R7705	Top	G	4	0404_RAC10	RES NETWORK 0W04 1DB ATT 0404	870R/ 5R77/870R	~	~
R7710	Top	H	2	0402R	Resistor 5% 63mW	10R	~	normal,-5%,5%
R7712	Top	H	3	0402R	Resistor 5% 63mW	1k0	~	normal,-5%,5%
R7713	Top	H	3	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R7715	Top	H	3	0402R	Resistor 5% 63mW	100R	~	normal,-5%,5%
R7716	Top	H	3	0402R	Resistor 5% 63mW	1k0	~	normal,-5%,5%

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Item	Location			Type	Description			
	Side	X	Y					
R7800	Top	D	4	0402R	Resistor 5% 63mW	3k3	~	normal,-5%,5%
R7801	Top	E	4	0402R	Resistor 5% 63mW	10R	~	normal,-5%,5%
R7802	Top	E	4	0402R	Resistor 5% 63mW	560R	~	normal,-5%,5%
S2300	Top	G	8	SWITCH_EVQ5P701K	SM SW TACT SPST 12V SIDE KEY 3N	~	~	~
S2301	Top	J	8	SWITCH_EVQ5P701K	SM SW TACT SPST 12V SIDE KEY 3N	~	~	~
S2302	Top	H	1	SWITCH_EVQ5P701K	SM SW TACT SPST 12V SIDE KEY 3N	~	~	~
S2419	Top	B	4	SWITCH_EVQ5P701K	SM SW TACT SPST 12V SIDE KEY 3N	~	~	~
T7500	Top	C	6	TRANS_LDB213	TRANSF BALUN 3600MHZ+-400MHZ	~	~	~
T7700	Top	F	6	TRANS_LDB15	TRANSF BALUN 1800+-100mhz 2x1.25	~	~	~
T7800	Top	F	5	TRANS_LDB15	TRANSF BALUN 1.9GHZ+-100MHZ 2X1.25	~	~	~
V2000	Top	O	6	CASE_457	TVS DI 1PMT16AT3 16V 175W PWRMITE	~	~	~
V2400	Bot	T	4	LED_CL_270WBSO	LED WHITE MIN150MCD 10MA 90DEG 0603	~	~	~
V2401	Bot	T	6	LED_CL_270WBSO	LED WHITE MIN150MCD 10MA 90DEG 0603	~	~	~
V2420	Top	L	5	SOT_666	TRX2 EMX1/PEMX1 P 40V 0A1 SOT666	~	~	~
V7800	Top	E	4	SOT_363	TR BGA428 LNA1.8GHZ 19.5DB SOT363	~	~	~
X1470	Top	H	7	CLE9014_01E	SM CONN 2X7F P1.4 CAMERA CIF-J	~	~	~
X2000	Top	I	3	LYNX_BATT_CONN_H7.4	SM LYNX BATT.CONN 3POL HEIGHT 7.3	~	~	~
X2002	Top	U	4	SYSCON_MQ202_NK_14R3	SM SYSTEM CONNEC-TOR 14POL	~	~	~
X2060	Top	C	4	TRACEABILITY_PAD	MODULE ID COMPO-NENT 2.8X1.8X0.3	~	~	~
X2400	Bot	C	6	CON_DF23NC_12DS	SM CONN 2X6F P0.5 30V 0.3A PWB/PWB	~	~	~
X2700	Top	Q	5	SIM_91485_0001	SM WIM CONNECTOR 6POL P2.54	~	~	~
Z2400	Top	N	6	uBGA24_2.62X2.62	ASIP EMIF10-1K010F2 **PB-FREE**	~	~	~

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Item	Location			Type	Description			
	Side	X	Y					
Z7700	Top	F	7	FILTER_T2B_H0.6	SAW FILT 897.5+-17.5MHZ 2.0X1.6	897.5MHz	~	~
Z7800	Top	E	3	ANT_SW_5.6X4.2	DIPL+3SW 824-960/1710-1990MHZ 5.4X4.0MM	824-960/ 1710-1990MHz	~	~
Z7801	Top	D	3	FILTER_T2UB_H0.74	SAW FILT 1960+-30MHZ/ 3DB 2X1.6X0.68	1960MHz	~	~
Z7802	Top	E	5	FILTER_T2B_H0.6	SAW FILT 1842.5+-37.5MHZ 2.0X1.6	1842.5MHz	~	~
Z7803	Top	E	5	FILTER_T2B_H0.74	SAW FILT 942.5+-17.5MHZ/2.1DB 2X1.6X0.68	942.5MHz	~	~

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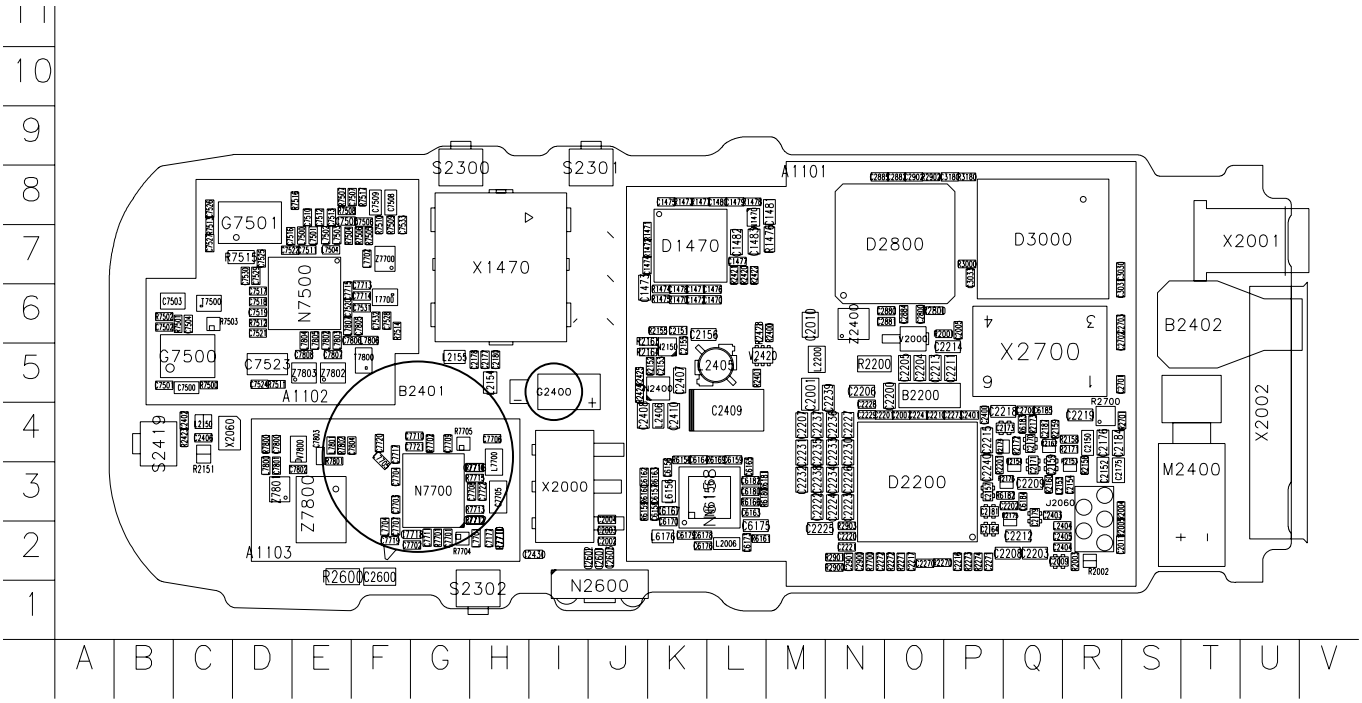
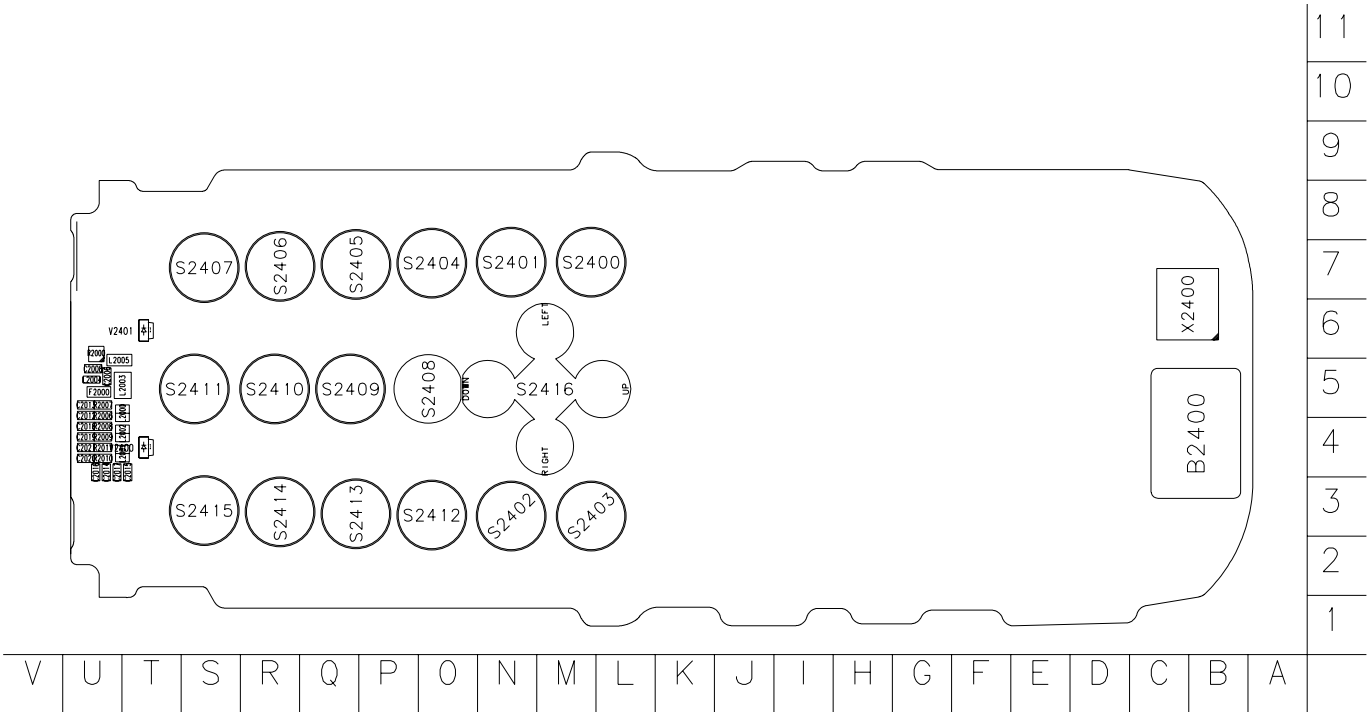
1qga_50a PWB component locator (top)



1qga_50a PWB component locator (bot)



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